



Rumble Tuff®

*Rumble Tuff*  
*Duo Electric Breast Pump*  
*Instructions & Assembly*

*for 201D and 203D Device*



## Congratulations

Congratulations on your new Rumble Tuff® Duo Electric Breast Pump! The Rumble Tuff® Duo Electric Breast Pump is perfect for many occasions.

- Collecting breast milk while you're away from your baby
  - for example: when you're at work
- Relieving engorgement
  - for example: when your baby's feeding habits change because they're eating more solids
- Maintaining your milk supply if you have to temporarily stop breast feeding
  - for example: to express unsuitable milk while you are undergoing medical treatment

The Rumble Tuff® Duo Electric Breast Pump provides many of the features busy moms love.

- 3 cycles of expressions to mimic baby's nursing patterns.
  - Reflex Expression - Lach on & Rooting habit
  - Swift Expression - Fast but shallow swallowing habit
  - Natural Expression - Steady and strong swallowing pattern
- Milk back-flow protection
- Quiet motor for discretion
- Small and lightweight
- 2 power options to fit your needs
  - AC/DC Adapter
  - 4 AA Alkaline battery (PA203D) OR Li-Ion Rechargeable battery (PA201D)
- Convert to Manual Pump in seconds (Parts included)

### Indication for Use

The Rumble Tuff® Duo Electric Breast Pump is a personal use, electrically powered device used to express milk from the breasts of lactating women. This device is not intended for hospital use.

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# Important Safeguards

The Rumble Tuff® Duo Electric Breast Pump is designed for a single user and should never be shared or resold; doing so will void the warranty.

## READ ALL INSTRUCTIONS BEFORE USING

**DANGER:** To reduce the risk of electrocution:

- Always unplug this product immediately after using.
- Do not use while bathing.
- Do not place or store this product where it can fall or be pulled into a tub or sink.
- Do not place or drop into water or other liquid.
- Do not reach for an electrical product that has fallen into water. Unplug immediately.

**CAUTION:**

- Do not use this product for any other purpose than as indicated in the Instructions & Assembly.
- Make sure all the parts are assembled correctly before operating.
- Stop using the breast pump immediately if your breasts or nipples experience any discomfort.
- Please wash hands before using this product.
- Keep this product out of reach of babies and children.
- Do not drop or hit the product to avoid damage.
- Do not touch the product with bare hands right after sterilizing by boiling water to avoid scalds and burns.
- Do not over-boil to avoid premature aging of the product materials.

**WARNING:** To reduce the risk of burns, electrocution, fire, or injury to persons:

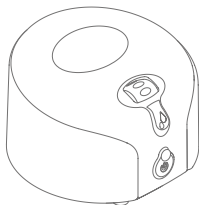
- This product should never be left unattended when plugged in.
- Close supervision is necessary when this product is used near children or invalids.
- Use this product only for its intended use as described in this manual. Do not use attachments or parts not recommended by Rumble Tuff®.
- Do not operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or if it has been dropped in water.
- Keep the cord away from heated surfaces.
- Do not use while sleeping or drowsy.
- Do not drop or insert any object into any opening or tubing.
- Do not use outdoors with the AC/DC Adapter or operate where aerosol spray products are being used, or where oxygen is being administered.

SAVE THESE INSTRUCTIONS  
along with your receipt for future reference.

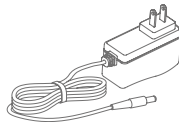
## Important Safeguards (Continued)

- Make sure the voltage of the AC/DC Adapter is compatible with the power source.
- Plug the AC/DC Adapter into the electrical outlet first, then plug the Power Cord into your Rumble Tuff® Duo Electric Breast Pump.
- Rumble Tuff has provided an AC/DC Adapter and/or Li-Ion battery pack with this device. Using any other AC/DC Adapter or Li-Ion battery pack not approved by the manufacturer voids the warranty.
- If you are infected with Hepatitis A, Hepatitis B, or have HIV (Human Immunodeficiency Virus): pumping breast milk does not reduce or remove the risk of transmitting the virus to your baby through breast milk.
- Wash the Expression Collection Combo Kit parts before each use.
- Do not operate a motor vehicle while using the Rumble Tuff® Duo Electric Breast Pump.
- Do not attempt to modify the product.

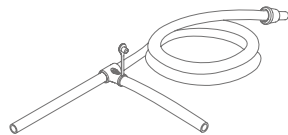
## Parts Guide



Breast Pump Main Unit



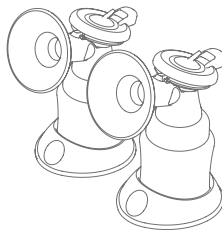
AC/DC Adapter



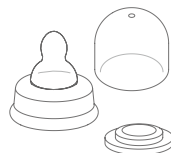
Vacuum Tubing with Adapter



Manual Diaphragm Add-On Kit



Expression Collection Combo Kit (2 Sets)

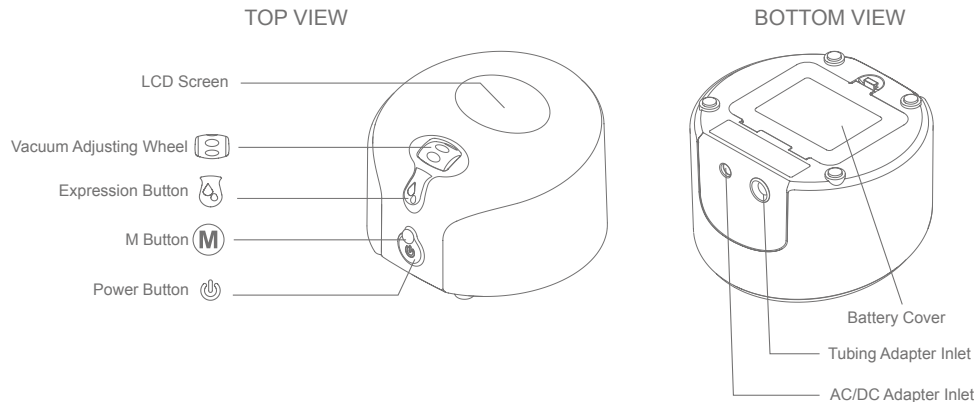


Bottle Adapter Kit (2 Sets)

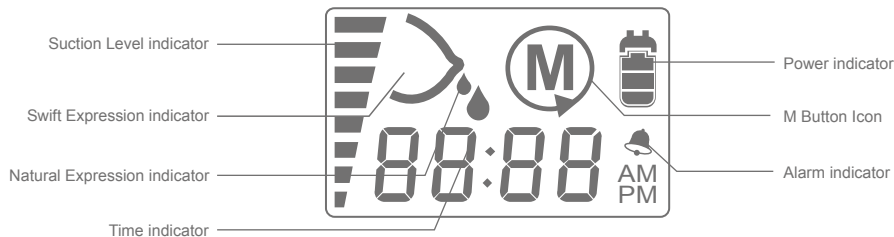


# Parts Guide

## • Electric Pump Main Unit

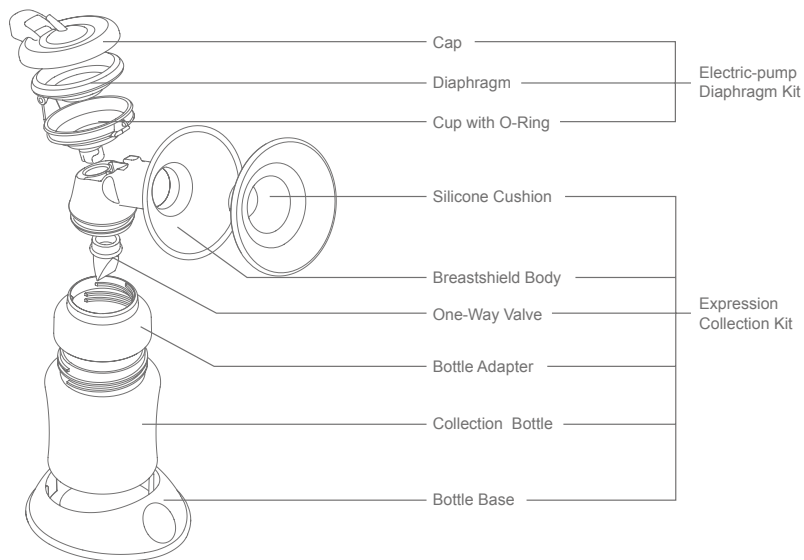


## • LCD Screen Guide



## Parts Guide

### ● Expression Collection Combo Kit (Duo)



## How to Assemble the Expression Collection Kit

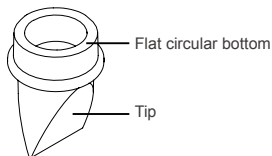
Your Rumble Tuff® Duo Electric Breast Pump comes pre-assembled; however, you will need to re-assemble it after each cleaning. (For cleaning instructions, see page 32) Below is a step-by-step guide for assembling the Expression Collection Kit:

1. Hold the "horn" of the Breastshield Body in one hand. Make sure the bottle-thread side opening is facing up.



2. With the thumb and forefinger of the other hand, hold the tip of the One-Way Valve and place the flat circular bottom into the opening. Be sure not to stretch, bend, or twist the tip of the One-Way Valve. Seal all the edges of the flat circular bottom firmly.

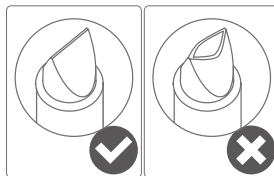
**Note:** The One-Way Valve tip does not have to align with anything, as long as all the edges are securely sealed.



## How to Assemble the Expression Collection Kit (Continued)

3. With your thumb and forefinger, gently smooth closed any openings on the tip of the One-Way Valve and shape into a straight line.

**Note:** This is critical to the performance of the Pump.



4. Carefully twist on the Bottle Adapter to the Breastshield Body for a secure fit.

**Note:** Be sure not to bump the One-Way Valve when twisting the Breastshield Body & the Bottle Adapter pieces together. If you bump the One-Way Valve, repeat step 3.



## How to Assemble the Expression Collection Kit (Continued)

5. With the Bottle Adapter in one hand, twist on the Collection Bottle for a secure fit.

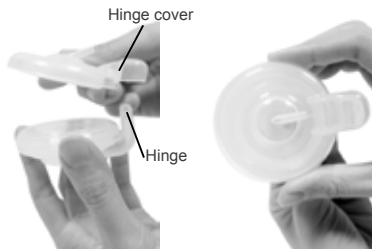


## How to Assemble Electric-pump Diaphragm Kit

1. With the Cup in one hand, place the Silicone Diaphragm in the Cup (matching the shape of the Cup). Press around the edges of the Diaphragm for a secure fit. Make sure the Diaphragm is evenly mounted on the Cup and there is no gap in between them.

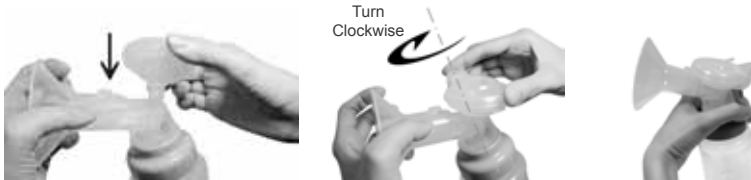


2. Place the Cap on the Cup & Diaphragm. (Be sure to align the hinge and hinge cover.) Press tightly to seal.



## How to Assemble Expression Collection Combo Kit

1. With the O-Ring side down, put the Electric Pump Diaphragm Kit into the top of the Breastshield Body opening. Twist the Electric-Pump Diaphragm Kit clockwise into the Breastshield Body until it locks into place.



2. With the Breastshield Body in one hand, place the Silicone Cushion in the Breastshield Body (matching the shape of the horn). Secure the lip of the Cushion around the edges of the horn.

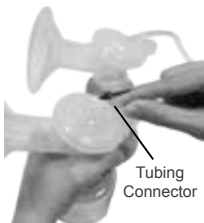
**Note:** Your Electric Breast Pump will work with or without the Silicone Cushion. Your comfort depends on your preference.



## How to Assemble Expression Collection Combo Kit (Continued)

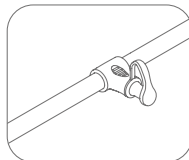
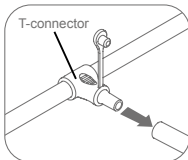
3. Take the open-end of Vacuum Tube (the end without the adapter) and connect to the Tubing Connector located on the Cap. Push together firmly for a tight seal.

**Note:** Make sure there is no moisture in the tubing.



**\*To Use As a Single Pump:**

Remove one tube and close the T-connector.



4. Make sure the Tubing Connector is properly inserted into the Tubing Adapter Inlet on the Electric Pump Main Unit.





## Power Options

Your Electric Breast Pump may be operated under any of the following power supply modes:

### Using your AC/DC Adapter (included):

- Electrical safety can only be achieved when using the AC/DC Adapter which was provided with the Pump. Use of any another Adapters causes concern for the safety of the product and/or the user and voids the warranty.

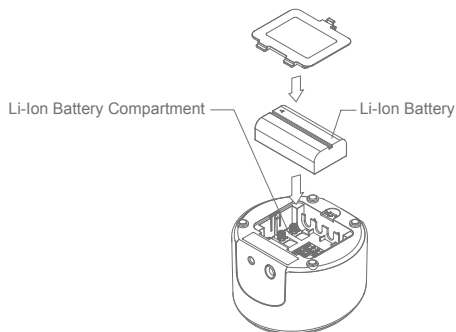
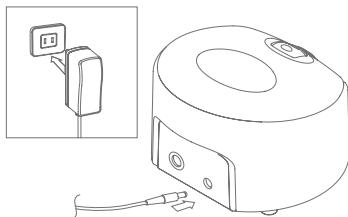
1. Plug the AC/DC Adapter into an electrical outlet.






2. Attach the Power Cord to the AC/DC Adapter Inlet on the Electric Pump Main Unit.



## Using the Li-Ion Rechargeable Battery (for PA201D only):



- Prior to first use, charge the battery for 24 hours. If necessary, your Electric Breast Pump can be used during this period with the Power Cord only. For best results, allow the Pump to initially charge uninterrupted for 24 hours.
- After the initial charge, subsequent charges will take approximately 4 hours. Once charged, you should not need to remove the battery unless replacing or when storing.
- The Li-Ion Rechargeable Battery will charge every time the AC/DC Adapter is plugged in; however, it will not charge while your Electric Breast Pump is in use.
- The Power indicator  on the LCD Screen shows how much battery power is left. If it starts to flash, showing only one bar , there is only enough power left for approx. one 20-minute pumping session.
- When charging, the Power indicator should show charging animation on the display screen: . If you do not see charging animation, please check to see if the battery has been installed correctly.

**Note:** The Li-Ion Rechargeable Battery used in this device may present a risk of fire or chemical burn if mistreated. Do NOT disassemble the battery. Do NOT place battery near heat source or fire. Dispose of used battery properly. Do NOT dispose of battery in fire. For long term storage, keep battery within the following temperature range: 32°F to 77°F (0°C to 25°C). Keep away from children.

## Install the Battery: Li-Ion Rechargeable

1. Open the Battery Cover.



2. Remove the old Li-Ion Rechargeable battery by releasing the locking hook. The Battery pops up automatically.



## Install the Battery: Li-Ion Rechargeable (Continued)

3. Insert the new Li-Ion Rechargeable Battery and push the Battery into the compartment until the Battery is locked into place.

**Note:** Make sure triangle marks are aligned (on both the Battery and the bottom of main unit).

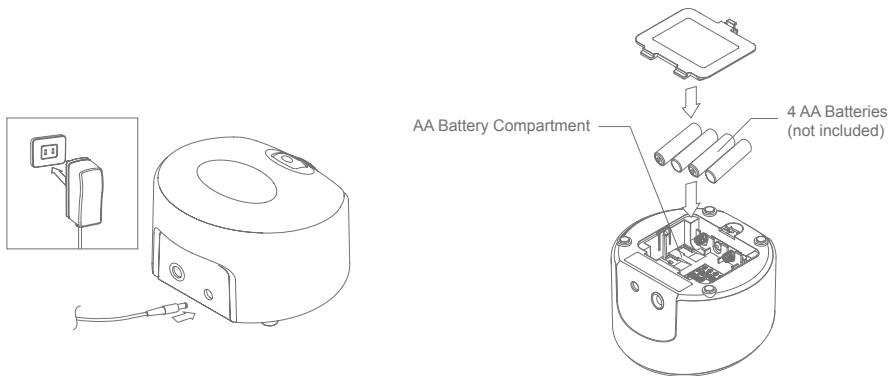


4. Close the Battery Cover, making sure it "snaps" into place.



## Power Options (Continued)

Using 4 AA Alkaline batteries (for PA203D only):



- Always replace all 4 AA Batteries at the same time.
- Remove all batteries from the Electric Pump Base if the Rumble Tuff® Duo Electric Breast Pump is not going to be used for extended periods of time.
- Properly dispose of all batteries, according to regulations for environmental protection and recycling.

**Note:** Alkaline Batteries may present a risk of fire or chemical burn if mistreated. Do NOT disassemble any battery. Do NOT place batteries near heat source or fire. Dispose of used batteries properly. Do NOT dispose of batteries in fire. Keep away from children.

## Install the Batteries: AA Alkaline

1. Open the Battery Cover.



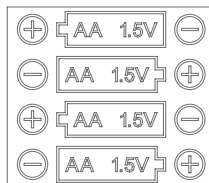
2. Remove the old batteries if you are replacing them.



## Install the Batteries:AA Alkaline (Continued)

3. Insert 4 new AA Alkaline Batteries. Do not mix old and new batteries.

**Note:** Make sure the polarity is correct as indicated.

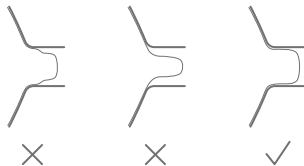


4. Close the Battery Cover, making sure it "snaps" into place.



## Pumping Instructions

1. Hold the Expression Collection Combo Kits to your breasts so that your nipples are centered inside the Breastshield.



**Note:** Please check for correct fitting of the shield.

2. Press the Power Button  to begin pumping.





## Pumping Instructions (Continued)

3. The LCD Screen shows the time of your last pumping session for a few seconds. The Pump will automatically start from the Reflex Expression for 15 seconds then switch to the Swift Expression automatically. ➤



4. Adjust the suction in the Swift Expression to your comfort level while pumping by rolling the Vacuum Adjusting Wheel (⊞) up (+) or down (-).



Vacuum Adjusting Wheel



## Pumping Instructions (Continued)

5. Depending on your preference, and your baby's sucking habit, you can choose to express your milk in either the Swift Expression or Natural Expression settings. To switch from Swift Expression to Natural Expression, press the Expression Button once.

Expression Button



6. To check which expression setting that you are on, check the LCD display for the Expression Cycle Icon. The breast shape icon indicates that you are at Reflex / Swift Expression setting. The breast shape with milk drops icon indicates that you are at Natural Expression setting.

Reflex / Swift Expression



Natural Expression




## Pumping Instructions (Continued)

7. Adjust the suction in the Natural Expression to the most comfortable and effective level while pumping by rolling the Vacuum

Adjusting Wheel up (S) (+) or down (-) . -

Vacuum Adjusting  
Wheel



8. When your pumping session is finished, turn the Pump off by pressing the Power Button. 

Power Button



## Pumping Instructions (Continued)

9. After the Pump has been turned off, the LCD Screen will remain on for a few seconds. The display will show the total amount of pumping time, then automatically switch to Standby/Clock mode, or Alarm Clock Mode if the Alarm was turned on.

**Note:** Make sure there is no suction on the nipples before removing the Breastshield. If necessary, break the suction by inserting a finger between the Breastshield and the breast, similar to the way you break away from your baby's suction.





**Note:** If the Rumble Tuff® Duo Electric Breast Pump is left on, but unattended for more than 30 minutes, the Pump will automatically shut-off.

## Suction Level

Whenever you select a Suction Level (in any Expression setting), your Rumble Tuff® Duo Electric Breast Pump remembers it until you change it. This feature becomes useful after you are familiar with this pump. Your Rumble Tuff® Duo Electric Breast Pump retains the memory of your previous pumping level without you having to reset your preferred level each time you pump.


To set your preferred Suction Level:



1. In Reflex / Swift Expression, adjust the Suction Level to the level you find most comfortable by rolling the Vacuum Adjusting Wheel  up (+) or down (-).
2. In Natural Expression, adjust the Vacuum Suction Level to the highest effective, yet still comfortable level by rolling the Vacuum Adjusting Wheel  up (+) or down (-).

## M Button (My Favorite Pattern)

One of the great features of your Rumble Tuff® Duo Electric Breast Pump is the M Button (My Favorite Pattern). You can easily set and recall your personal Expression pattern by pressing the M Button. It is extremely helpful if you usually use Natural Expression setting to express your milk. You do not need to use the M Button if you usually use Swift Expression for your expression.



To set My Favorite Pattern:

1. After a few times of pumping, you will find that your let down time is about the same in every pumping session.
2. Start pumping as you normally do. Your pump starts at the Reflex Expression for 15 seconds then automatically switches to the Swift Expression and goes straight to the vacuum level that you last used.
3. Press the Expression Button  when your milk starts to let down, to switch to the Natural Expression pattern.  
Adjust the Vacuum Adjusting Wheel to your desired suction level.

4. Press and hold the M Button  for three seconds, until the M icon flashes . That's it, your unique My Favorite Pattern is now set.

5. Continue to express your milk and finish your pumping session.








To recall the My Favorite Pattern:

1. Turn the Pump on. 
2. Press the M Button . (Do NOT hold more than 3 seconds)
3. Your pump automatically switches from Swift Expression to Natural Expression at the recorded let down time.

**NOTE:** You CANNOT adjust the suction level or switch between Swift Expression and Natural Expression while in My Favorite Pattern. If you have to adjust the suction level, press the M Button once to exit My Favorite Pattern first.

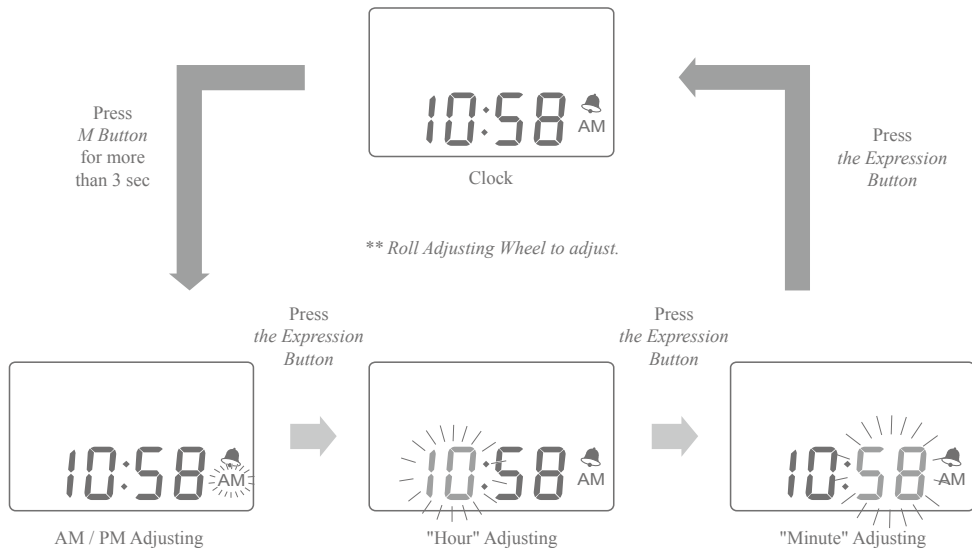
## Setting the Time

### How to Adjust the Clock:

1. While in the Clock/Standby Mode, press and hold the M Button  for 3 seconds to go into Clock Setting mode. A beep will sound and the AM/PM icon will flash.
2. To change between AM/PM, use the Vacuum Adjustment Wheel  up (+) or down (-).
3. Press the Expression Button  once to change from AM/PM to the Hour. The Hour number will flash.
4. To change the Hour, use the Vacuum Adjusting Wheel  to increase (+) or decrease (-) the hour.
5. Press the Expression Button  again to change the minutes. The Minute number will flash.
6. To change the Minutes, use the Vacuum Adjusting Wheel  to increase (+) or decrease (-) the minutes.
7. Press the Expression Button one last time to save your settings .

**NOTE:** While in any Clock Setting mode, if no adjustments are made within 10 seconds, the setting will automatically save and the LCD Screen will return to Clock/Standby Mode.

## Setting the Time (Continued)










## Alarm Clock Mode

It is advised to pump regularly in order to maintain a good milk supply from your body. The Alarm Clock Mode is designed to remind you when it's time for your next pumping cycle. By keeping a regular expression pattern, your body maintains a good milk supply. After setting the time interval between each pumping session, the Alarm countdown will automatically start after the previous pumping cycle has stopped. An alarm will sound when the pre-set time has passed.

### How to Adjust the Alarm:

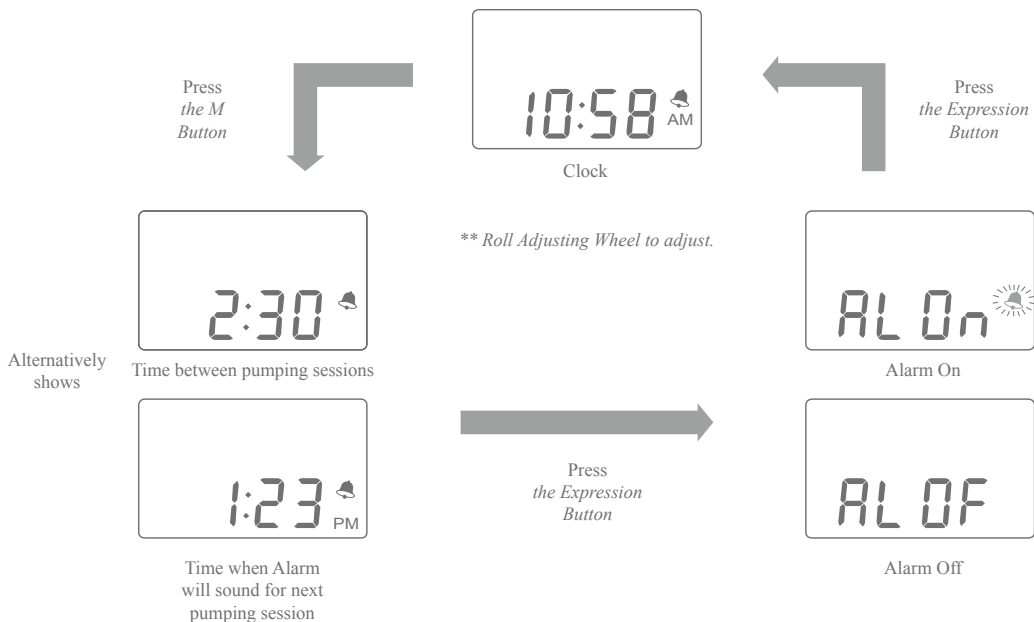
1. In Clock/Standby Mode, press the M Button  once to go into the Alarm Adjusting Mode.
2. Two sets of time will display alternately; the Alarm Interval Time (which is the time between each pumping session) and the Next Alarm Time.
3. Roll the Vacuum Adjustment Wheel  up(+) or down (-) to adjust the Alarm Interval Time. The adjustment increases (+) or decreases (-) in 15 minute increments. The Next Alarm Time will be adjusted automatically according to the last time the pump was used.

**NOTE:** The Alarm Interval Time is the time from the beginning of one Expression Pattern to the beginning of the next Expression Pattern. It is NOT the time from the ending of one Expression Pattern to the beginning of the next one.

4. Press the Expression Button  to switch to the Alarm On/Off setting.
5. Roll the Vacuum Adjustment Wheel  up(+) or down(-) to turn the Alarm Function On/Off.
6. Press the Expression Button  again to save your setting.

**NOTE:** While in the Alarm Adjusting Mode, if no adjustments are made within 10 seconds, the setting will automatically save and the LCD Screen will return to Clock/Standby Mode.

## Alarm Clock Mode (Continued)



## Cleaning Instructions

Unless otherwise instructed by your healthcare provider, follow these sanitizing and cleaning instructions.

### Sanitize Prior to First Use:

Before you use your Rumble Tuff® Duo Electric Breast Pump for the first time, disassemble and boil all parts of the Expression Collection Combo Kit and the Manual Diaphragm Add-on Kit in water for 10 minutes.

- Be sure to use enough water to keep all parts afloat while boiling.
- **Do NOT boil Tubing or Tubing Adapter.**
- Remove all parts from the water immediately after sterilizing. To avoid scalds and burns, do NOT touch the product with bare hands right after sterilizing.
- Completely air-dry or towel-dry before reassembling for next use.

Partially dry components may affect the operation of your Electric Breast Pump. Please ensure that all parts are completely dry before use.

### Before Each Use:

- Wash your hands thoroughly with soap and warm water before handling the Expression Collection Combo Kit, the Electric Breast Pump, the Manual Pump Add-On or any Expression Collection parts or attachments.
- Make sure all parts are clean and dry.
- Ensure the Tubing is free from any liquid. **Do NOT operate your Rumble Tuff Duo Electric Breast Pump if any liquid is visible in the Tubing. (See Tubing Cleaning Instructions on page 33.)**

### General Cleaning Instructions:



**Caution:** Take care when cleaning the One-Way Valve. If it gets damaged, your breast pump will not function properly. To clean the One-Way Valve, rub it gently between your fingers in warm soapy water, then rinse thoroughly in clean warm water. Do not insert any objects into the One-Way Valve as this may damage the valve.

- Set aside the Tubing and Tubing Connector. Under the normal working conditions of the pump, the diaphragm prevents the back-flow of milk. Therefore, these items do not need to be washed. In case of finding any liquid or liquid vapor inside the Tubing, follow the Tubing Cleaning Instruction (on page 33) carefully before use.
- All parts of the Expression Collection Combo Kit or Manual Diaphragm Add-On Kit may be cleaned in the upper compartment of your dishwasher or hand washed with dish soap in hot water.

## Cleaning Instructions (Continued)

- Do NOT use solvents or abrasives.
- Rinse with hot, clean water.
- To clean the Electric Pump Main Unit, wipe it with a wet wipe or damp cloth, using only water or water mixed with a mild soap.

### **Tubing Cleaning Instructions:**

- Wipe the outside of the Tubing with a clean, damp cloth. Avoid getting water or other fluids inside the Tubing.
- If liquids are found inside Tubing, rinse the Tubing with clean hot water. Hang to AIR DRY COMPLETELY BEFORE USING. Do NOT insert any object into the Tubing.

**Note:** *Before each use-visually inspect the individual components for cracks, chips, tears, discoloration or deterioration; as they may affect the efficiency of the Rumble Tuff® Duo Electric Breast Pump. In the event that damage to the device is observed, please discontinue use until the parts have been replaced.*

## Breastmilk Storage Guidelines

Check with your healthcare provider or an International Board Certified Lactation Consultant for specific storage instructions. This information is based on current research and applies to mothers who have healthy, full-term babies who are storing their milk for home use.

### Important Notes:

- **STORAGE CONTAINERS:** The best option for storing human milk is glass or hard-sided plastic containers with well-fitting tops. When you are freezing your breastmilk, do not fill the container more than 3/4 full to allow for expansion from freezing. Store milk in the main refrigerator or freezer compartment, away from the door, to avoid changes in temperature that may compromise the milk.
- **RE-WARMING THE FROZEN MILK:** Frozen milk can be thawed in the refrigerator overnight or under cool running water. Gradually increase the temperature of the water to heat the milk to feeding temperature. Be sure to use thawed milk within 24 hours. Discard any leftovers.
- **RE-WARMING THE REFRIGERATED MILK:** Refrigerated milk can be warmed by running under warm water for several minutes. ALWAYS test the temperature of the milk on the inside of your wrist before feeding it to your baby. The milk should feel warm, not hot.
- **WHAT TO DO:** Storing milk in 2 to 4 oz amounts may reduce waste. Write the date you expressed your milk on the container (include your baby's name on the label if your baby is in a daycare setting). Use the oldest milk first. Throw away previously frozen milk that is not used within 24 hours.
- **WHAT NOT TO DO:** Do NOT heat milk directly on the stove. Do NOT thaw in hot or boiling water. Do NOT microwave milk, as microwaving alters the composition of the milk and may create hot spots that may burn your baby. Do NOT refreeze thawed milk.
- **THAT'S WEIRD:** Human milk may separate into a milk layer and a cream layer when it is stored. This is normal. Gently swirl to redistribute the cream before giving to baby. Sometimes thawed milk may smell or taste soapy. This is due to a breakdown in the milk fats. The milk is safe and most babies will still drink it.
- **IS IT DANGEROUS:** Expressed milk can be kept in a common refrigerator at the workplace or day care center. The US Center for Disease Control (CDC) and the US Occupational Safety and Health Administration (OSHA) agree that human milk is not among the body fluids that require special handling or storage in a separate container.

## Breastmilk Storage Guidelines (Continued)

Place	Temperature	How long	Things to know
<b>Refrigerator</b>	39°F or colder	<ul style="list-style-type: none"> <li>Up to 72 hours is best.</li> <li>Up to 5-8 days is okay for very clean expressed milk.</li> </ul>	Store milk in the back of the main body of the refrigerator.
<b>Freezer</b>	0°F or colder	<ul style="list-style-type: none"> <li>Up to 6 months is best.</li> <li>Up to 12 months is okay.</li> </ul>	Store milk toward the back of the freezer where temperature is most constant. Milk stored at 0°F or colder is safe for longer durations, but the quality of the milk might not be as high.
<b>Smaller cooler with a blue-ice pack.</b>	59°F	24 hours	Keep ice packs in contact with milk containers at all times; limit opening cooler.
<b>Countertop, table</b>	Room temp (60°F - 85°F)	<ul style="list-style-type: none"> <li>Up to 3-4 hours is best.</li> <li>Up to 6-8 hours is okay for very clean expressed milk.</li> </ul>	Containers should be covered and kept as cool as possible; covering the container with a clean cool towel may keep milk cooler. Throw out any leftover milk within 1 to 2 hours after the baby is finished feeding.

Do not refreeze thawed milk. Discard any remaining thawed milk if not used within 24 hours.

## Tips

### **Pumping Tips:**

The most important and successful part of pumping is the let-down reflex. The let-down reflex is when your milk begins to flow freely.

- Try relaxing with a warm, wet compress on your breasts.
- Drink plenty of fluids.
- Avoid outside distractions.
- Visualize yourself happy, well rested and successful at pumping.
- Sometimes a light circular massaging of the breasts prior to and/or during a pumping session will help your let-down reflex start/continue.
- Go to a Non-stressful environment.
- Use a comfortable chair that gives lower back support with or without a footstool. After all, you're the one who has to be comfortable.

Depending on your health and milk production condition, you may be able to achieve more than one let down in one pumping session. Most mothers have more than one let-down while breast feeding and don't even notice the change. To achieve multiple let-downs which mimics the natural reflex found in breast feeding, you can switch back and forth between Swift Expression and Natural Expression just by pressing the Expression Button.

Remember that successful pumping is a learned skill. Don't get discouraged, and keep working at it to obtain the best results. Breastmilk is produced on a supply and demand basis; expressing your breastmilk regularly stimulates and maintains your milk supply.

If it feels uncomfortable or painful on your breasts while using the Pump, try decreasing the suction level by rolling the Vacuum Adjusting Wheel down (-). You may also try pumping with/without the Silicone Cushion. If these tips do not help, turn the product off and remove the pump from your breasts for a few minutes. If you are still experiencing pain or discomfort, consult your healthcare professional or an international board certified lactation consultant.

## Tips (Continued)

### **Battery Storage:**

- When storing the battery for a short period of time, store within the following temperature range: -4°F to 140°F (-20°C to 60°C).
- When storing the battery for an extended period of time, store within the following temperature range: 32°F to 77°F (0°C to 25°C).

### **Breastfeeding Tips:**

- The Rumble Tuff® Duo Electric Breast Pump helps you maintain a supply of milk and can help you prepare for planned events such as "Date Night" or unexpected events such as power outages, medical treatment, or relief from tender nipples.



## Troubleshooting

### Interruption of Electrical Service:

If you experience an interruption of electrical service, due to a power surge or other factors, during normal operation of your Rumble Tuff® Duo Electric Breast Pump, try the following:

- Unplug the AC/DC Adapter cord from the electrical outlet and wait for five seconds.
- Plug the AC/DC Adapter cord back into the electrical outlet.
- If problem persists, try a different electrical outlet.

### Radio Frequency Energy:

This equipment generates, uses, and can radiate radio frequency energy. If not installed properly and used in accordance with the instructions; it may cause harmful interference with other devices in the vicinity. Try the following:

- Reorient or relocate the device receiving interference.
- Increase the distance between the equipment.
- Connect the equipment into an outlet on a different circuit from that which the other device(s) are connected.
- Consult the manufacturer or a field service technician of the device receiving interference for help.
- There is no guarantee that interference will not occur.

### Decreased Suction:

If it feels like the suction has decreased, try the following:

- Make sure the Breast Pump is assembled correctly (see Assembly Instructions pages 8-13).
  - Inspect the One-Way Valve for any tears or pinholes. This component is critical to achieving proper suction. If damaged, replace the One-Way Valve with one of the spare valves that is provided with your Rumble Tuff® Duo Electric Breast Pump.
- Detach the Tubing and Tubing Adapter from the back of your Electric Breast Pump and place a finger over the Tubing Adapter Inlet.
  - If you do feel suction, the Electric Pump Base is operating properly.
  - If you do NOT feel suction or feel that the suction has decreased to an unexpected strength; contact Rumble Tuff Customer Service for warranty service (see Page 48).

## Troubleshooting (Continued)

### No response while operate Adjusting Wheel and Mode button:

You CANNOT adjust the suction level or switch between Swift Expression and Natural Expression while in My Favorite Pattern. If you have to, stop My Favorite Pattern by pressing the M Button.

### Breastmilk Buildup in the Breastshield Body:

If breastmilk doesn't appear to be draining fast enough into the Collection Bottle, reduce the suction setting on your Electric Breast Pump to allow the milk to drain before gradually increasing.

### Where to get Replacement Parts:

If you are missing a part or a part was damaged, please contact Rumble Tuff® customer service by calling toll-free (855) 228-8388.

You can purchase replacement parts or additional accessories for your Rumble Tuff® Duo Electric Breast Pump by the following methods:

- Email: [sales@rumbletuff.com](mailto:sales@rumbletuff.com)
- Fax: (801) 796-2688
- Toll-Free: (855) 228-8388

### Additional Accessories:

Parts	Part Number	Parts	Part Number
• Breastshield Body .....	49-PA20314-2001	• One-Way Valve .....	49-PA10300-0000
• Silicone Cushion .....	49-PA103LC-0000	• O-Ring .....	49-PA20314-2001
• Electric Pump Diaphragm .....	49-PA20300-0000	• Bottle, Wide .....	37-PA10300-0000
• Cup with O-Ring .....	31-PA10300-0001	• Nipple, Wide .....	33-PA10300-0001
• Bottle Adapter, Wide .....	36-PA103RT-P004	• Bottle Ring, Wide .....	36-PA10300-0001
• Vacuum Tube with adapter, for Double Pump .....	44-PA03050-PVC0	• Sealing Disc, Wide .....	36-PA10300-0003
• Adjusting Valve .....	49-PA10300-GY10	• Dome Cap, Wide .....	36-PA10300-0002
• Manual Pump Diaphragm .....	49-PA10300-0001		
• AC/DC 12V Power Adapter, UL .....	18-DC12V19-0010		
• 7.4V Li Battery (For PA201D only) .....	18-LI08400-0001		

## Technical Data

### Power Requirements:

- AC/DC Adapter (included) North American Plug configuration:  
Brand: Acute Ideas  
Model: MLF-012W1201000, 100V ~ 240V AC, 50/60 Hz, 0.4A, wall plug type AC/DC Adapter with DC 12V/1A output.
- Batteries:  
Li-Ion Rechargeable battery; 7.4V 2000mAh, (Acute Ideas, Model 18-LI08400-0001, compatible with JVC BN-V214 for PA201D only)  
4 AA batteries; 1.5V Alkaline (for PA203D only)

### Technical Specifications:

#### VACUUM:




Reflex / Swift Expression: -85~-185mmHg(-11.3~-24.6kpa)

Natural Expression: -110~-250mmHg(-14.6~-33.3kpa)

Ambient temperature range: +10°C to 40°C (50°F to 104°F)

Relative Humidity range: 20% to 80%

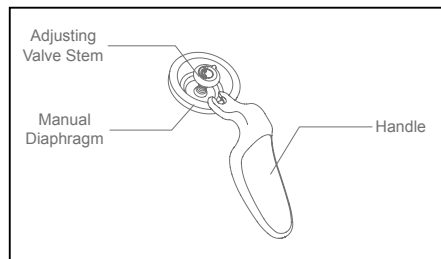
### Key to Box Symbol:

-  Type BF equipment (Breastshield)
-  Consult instructions for use
-  Disposal of Electrical & Electronic Equipment (WEEE)

# Manual Breast Pump - Quick Reference Guide

## Parts Guide:

### • Manual Diaphragm Add-On



#### **Note:**

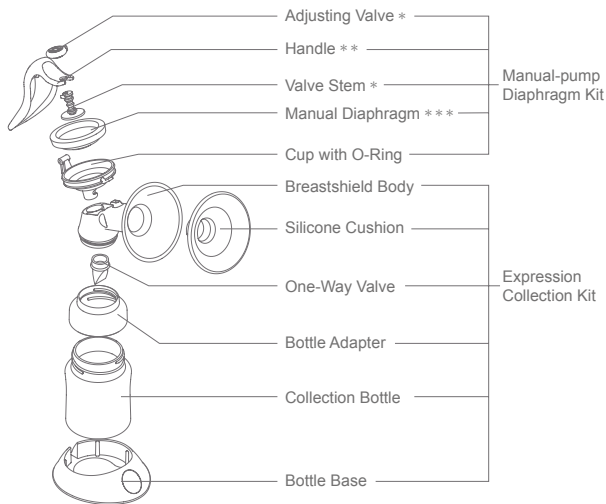
1. The parts in " \* " marks are specific to the Manual Breast Pump.
2. Parts specific to the Manual Breast Pump are included in a separate bag:

\* Adjusting Valve Stem ( Adjusting Valve + Valve Stem )

\* \* Handle

\* \* \* Manual Diaphragm

### • Expression Collection Combo Kit



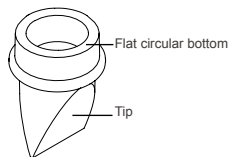
## Manual Breast Pump - Quick Reference Guide (Continued)

### How to Assemble the Expression Collection Combo Kit:

Your Rumble Tuff® Manual Breast Pump comes pre-assembled; however, you will need to re-assemble it after each cleaning. (For cleaning instructions, see Instruction and Assembly manual.) Below is a step-by-step guide for assembling the Expression Collection Combo Kit:



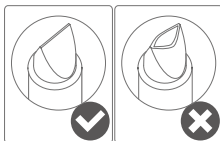
1. Hold the "horn" of the Breastshield Body in one hand. Make sure the bottle-thread side opening is facing up.



2. With the thumb and forefinger of the other hand, hold the tip of the One-Way Valve and place the flat circular bottom into the opening. Be sure not to stretch, bend, or twist the tip of the One-Way Valve. Seal all the edges of the flat circular bottom firmly.

**Note:** The One-Way Valve tip does not have to align with anything, as long as all the edges are securely sealed.

## Manual Breast Pump - Quick Reference Guide (Continued)



3. With your thumb and forefinger, gently smooth closed any openings on the tip of the One-Way Valve and shape into a straight line.

**Note:** This is critical to the optimal performance of the Pump.



4. Carefully twist on the Bottle Adapter to the Breastshield Body for a secure fit.

**Note:** Be sure not to bump the One-Way Valve when twisting the Breastshield Body & the Adapter pieces together. If you bump the One-Way Valve, repeat step 3.



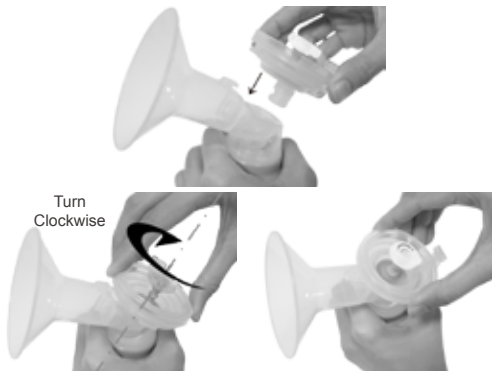
5. With the Bottle Adapter in one hand, twist on the Collection Bottle for a secure fit.

## Manual Breast Pump - Quick Reference Guide (Continued)

### How to Assemble the Manual-Pump Diaphragm Kit:

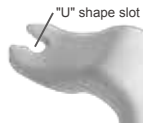


1. With the Cup in one hand, place the Manual Silicone Diaphragm in the Cup (matching the shape of the Cup). Press around the edges of the Diaphragm for a secure fit. Make sure the Diaphragm is evenly mounted on the Cup and there is no gap in between them.

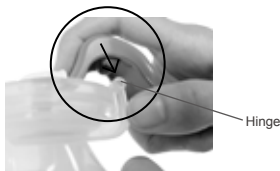


2. Twist the Manual-pump Diaphragm Kit clockwise into the Breastshield Body until it locks into place.

## Manual Breast Pump - Quick Reference Guide (Continued)



3. Place the "U" shape slot of the Handle onto the recess of the Adjusting Valve Stem. (There are 2 recesses on the Adjusting Valve Stem. The upper recess replicates the Swift Expression setting, and the bottom recess replicates the Natural Expression setting of Rumble Tuff Electric Pump.)



4. Push the Handle down onto the hinge of the Cup until it "snaps" into place.



5. With the Breastshield Body in one hand, place the Silicone Cushion in the Breastshield Body (matching the shape of the horn). Secure the lip of the Cushion around the edges of the horn. Your Manual Breast Pump will work with or without the Silicone Cushion. Your comfort depends on your preference.



## Manual Breast Pump - Quick Reference Guide (Continued)

### Using the Manual Pump:

**Note:** There are two recesses for attaching the handle to the Manual Pump. You can toggle between these two settings by pushing the Adjusting Valve Stem away from the "U" shape tip of the Handle to dislocate the connection. Reattach the tip of the Handle using a different recess on the Adjusting Valve Stem.



#### **Swift Expression Setting:**

This setting is for a fast, shallow suction. Often, when a baby is hungry or has just "Latched-On," their nursing pattern is fast and shallow to start the mother's milk flow.

#### **Natural Expression Setting:**

This setting is for longer, deeper suction. When the mother's milk begins to flow into the baby's mouth (let-down), they often naturally change to a longer, deeper suction pattern.



1. Hold the Manual Breast Pump to your breast so that your nipple is centered inside the Breastshield. Then squeeze the handle toward the bottle to test the suction.

**Note:** If an adjustment is necessary, turn the round knob of the Adjusting Valve until the suction is comfortable.



Increase



Decrease



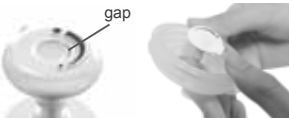


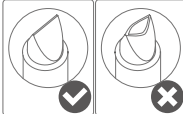
2. You can adjust the suction level by turning the round knob on the top of the Adjusting Valve Stem. Turn clockwise to increase the suction and counter-clockwise to decrease it.

**Note:** Do not over-turn the Adjusting Valve, as it will cause the Adjusting Valve to bulge and leak air, creating a suction problem. Make sure the gap opening on top of the Adjusting Valve is lined up properly on the top of the Valve Stem so the Adjusting Valve turns smoothly. If necessary, re-adjust the Adjusting Valve by turning back and forth a few times.

# Manual Breast Pump - Quick Reference Guide (Continued)

## Troubleshooting:

### • Insufficient Vacuum

	<ul style="list-style-type: none"> <li>Center your nipple in the Breastshield. Ensure a complete seal of the Breastshield, making sure there are no gaps between the breast and the Breastshield.</li> </ul>
	<ul style="list-style-type: none"> <li>Verify that the Handle is "snapped" into place against the Valve Stem.</li> <li>Check the suction level by turning the the Adjusting Valve.</li> </ul>
	<ul style="list-style-type: none"> <li>Make sure the gap opening on top of Adjusting Valve is lined up properly on the top of the Valve Stem so the Adjusting Valve turns smoothly. If necessary, re-adjust the Adjusting Valve by turning back-and-forth a few times.</li> <li>Make sure the Manual Diaphragm is sealed properly and that there is no gap between the Diaphragm and the Cup.</li> </ul>
	<ul style="list-style-type: none"> <li>Check the O-Ring to make sure it is seated in the groove.</li> <li>Make sure the Manual Pump Diaphragm Kit is locked into place on the Expression Collection Kit.</li> </ul>
	<ul style="list-style-type: none"> <li>Verify that the One-Way Valve tip is securely seated and properly sealed.</li> </ul> <div data-bbox="1153 840 1368 974">  </div>

## Warranty

### Limited Consumer Product Warranty (United States)

This Rumble Tuff® Electric Breast Pump is warranted to the original consumer "the purchaser" to be free from defects in material and workmanship which are not commercially acceptable for the period of one year from the date of purchase on the pump mechanism and a period of 120 days on all other components. Warranty coverage terminates if you sell or otherwise transfer this product to another person. This warranty gives you specific legal rights and you may also have other rights, which vary by location.

RUMBLE TUFF® MAKES NO EXPRESS WARRANTY OF ANY KIND REGARDING THIS PRODUCT OTHER THAN THOSE WARRANTIES SET FORTH HEREIN. ANY IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE TO THE EXTENT PERMITTED BY LAW, SHALL BE LIMITED IN DURATION TO A PERIOD OF 120 DAYS FROM THE DATE OF PURCHASE BY THE ORIGINAL PURCHASER.

In the event that this product is found by Rumble Tuff® to not meet the above limited warranty, as purchaser's sole and exclusive remedy, Rumble Tuff® will repair or at the option of Rumble Tuff®, replace this product without charge for such replacement parts or labor. The purchaser shall bear all expenses related to returning this product to Rumble Tuff®. This warranty does not apply to any part of the product that has been subject to misuse, abuse, or alteration. Only Rumble Tuff® brand replacement parts are recommended for use with Rumble Tuff® breastfeeding products. Improper or incorrectly performed maintenance or repair, or use of non-Rumble Tuff® brand replacement parts voids this warranty.

TO THE EXTENT PERMITTED BY LAW, RUMBLE TUFF® SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, BUT NOT LIMITED TO, REPLACEMENT COSTS RESULTING FROM THE BREACH OF ANY WRITTEN OR IMPLIED WARRANTY.

## Warranty (Continued)

If you wish to make a claim under this warranty, you will need the following:

- The entire original Rumble Tuff® product
- The original receipt showing date of purchase
- Return Authorization Number (RA#)
- Detailed description of the problem

You, the purchaser, are responsible for all shipping charges. Do NOT send product without a RA#.

To obtain a RA# and shipping address: Please contact Rumble Tuff® Customer Service Department by;

Toll-free (855) 228-8388, or

E-mail to [customerservice@rumbletuff.com](mailto:customerservice@rumbletuff.com), or

In writing to:

Customer Service Department

Rumble Tuff

865 N 1430 W

Orem UT 84057

Items returned without a RA# will not be processed and will be returned to sender (postage due).



# Rumble Tuff®

Rumble Tuff® is owned and operated by  
A Cute Baby, Inc.

865 N 1430 W Orem UT 84057-6402

Tel: (801) 609-8168 Fax: (801) 796-2688

[www.rumbletuff.com](http://www.rumbletuff.com) [www.acutebaby.com](http://www.acutebaby.com)